

***SUMMARY OF THE
PART A FOR HWMA/RCRA UNITS
AT THE
IDAHO NATIONAL LABORATORY***

Revision Date: February 15, 2005

INTRODUCTION

This document is intended to provide an easy-to-use summary of information contained in the Hazardous Waste Management Act (HWMA)/Resource Conservation and Recovery Act (RCRA) Part A Permit Applications for the Idaho National Laboratory (INL), Volumes 1 and 1a. Additionally, a summary of Part A information that is found in the unit specific HWMA/RCRA Final Partial Part B Permits for the INL and in the Idaho Nuclear Technology and Engineering Center (INTEC) Waste Calcining Facility (WCF) HWMA/RCRA Part B Post-Closure Permit for the INL has been included in this document. The information has been condensed to a single page for each interim status unit, post-closure unit, and permitted treatment, storage, and disposal (TSD) unit at the INL. Information on units that do not have interim status and are awaiting a HWMA/RCRA final partial Part B permit has not been included in this document. Additionally, information found in unit-specific permit modification requests (PMRs), that have not been approved by the Idaho Department of Environmental Quality (DEQ) is not included in this summary.

The information in this document reflects the most recently approved changes to the HWMA/RCRA Part A Permit Applications, HWMA/RCRA Post-Closure Permit, and the unit specific HWMA/RCRA final partial Part B permits for the INL.

The most current revision of this document may be found on the INL external web page @

<http://www.inel.gov/publicdocuments/>

REVISION DATE	SUMMARY OF CHANGES
06/15/99	Complete revision/update of this document due to numerous changes in interim status units at the Idaho National Engineering and Environmental Laboratory (INEEL) since the issuance of the June 1995 revision.
01/31/00	<p>Revised to reflect the following changes:</p> <ul style="list-style-type: none"> • Administrative closure of Multicurie Cell (MCC) container storage unit at the INTEC – approved by the DEQ on 07/20/99 • Closure of Portable Water Treatment Unit (PWTU) at Power Burst Facility (PBF)/Test Area North (TAN) – approved by the DEQ on 07/08/99 • Closure of the WCF units at the INTEC • Approval of U134 Environmental Protection Agency (EPA) Hazardous Waste Number (HWN) for the Waste Experimental Reduction Facility (WERF) Incinerator – approved by the DEQ on 12/17/99 • INTEC Tank Farm and CPP-604 Tank Farm Tanks Information clarified • Editorial changes made to reflect the January 2000 revision of the HWMA/RCRA Part A Permit Application for the INEEL, Volume 1, Bechtel BWXT Idaho, LLC (BBWI), Books 1 and 2.
08/01/00	<ul style="list-style-type: none"> • Document reformatted and information added/deleted to reflect Part A Permit information for all HWMA/RCRA interim status and HWMA/RCRA permitted units at the INEEL – including units located at the Argonne National Laboratory-West (ANL-W) Facility • Incorporation of DEQ's approval of a Part A Permit Change Request – Changes to the WERF Waste Stabilization System located at the Waste Reduction Operations Complex (WROC) • Incorporation of information related to newly permitted HWMA/RCRA Units (01/27/00) at the WROC and TAN: Mixed Waste Storage Facility (MWSF), MWSF-Portable Storage Units (PSUs), WERF Waste Storage Building (WWSB), WERF Sizing, WERF Macroencapsulation, and the TAN Hazardous Waste Storage (THWS) • Deletion of information related to interim status units which have undergone closure: Heat Transfer Reactor Experiment-3 (HTRE-3) – approved by DEQ on 01/31/00; Process Experimental Pilot Plant (PREPP) Incinerator and PREPP Waste Stabilization Unit – approved by DEQ on 03/7/00; WERF Waste/Storage Feed Tanks – approved by the DEQ on 05/16/00.

REVISION DATE	SUMMARY OF CHANGES
01/10/01	Document revised to incorporate information that was inadvertently omitted regarding the WROC/Power Burst Facility (PBF) permitted units: WERF Macroencapsulation Unit, WERF Sizing Unit.
03/29/01	<p>Document revised to incorporate changes that have been approved by the DEQ since the last major revision to this document (08/01/00). Revised information includes:</p> <ul style="list-style-type: none"> • Changes to the INTEC Process Equipment Waste (PEW) Evaporator Feed Storage and Treatment Tanks – approvals by the DEQ on 08/24/00 and 11/09/00. • Closure of Hazardous Chemical Waste Handling and Neutralization Facility HCWHNF – approved by the DEQ on 09/18/00. • WROC/PBF – WERF Incinerator Loss of Interim Status, effective date 11/02/00. • Radioactive Waste Management Complex RWMC – Closure of the Waste Characterization Facility (WCF) was approved by the DEQ on 09/25/00. Process Design Capacity changes for the RCRA Part B permitted units at the RWMC were approved by the DEQ on 10/23/00. • ANL-W – HWMA/RCRA Part B Partial Permit issued for the Sodium Components Maintenance Shop (SCMS). Interim status issued for the Intermediate Heat Exchanger (IHX), Secondary Sodium Purification System (SSPS). • BNFL Inc. – HWMA/RCRA Part B Permit issued for the Advanced Mixed Waste Treatment Facility [(AMWTF) – Building WMF-676] – issued 07/19/00 and the Advanced Mixed Waste Treatment Project [(AMWTP – Building WMF-634] – issued 08/07/00.
09/27/01	<p>Document revised to incorporate editorial corrections and to incorporate changes that have been approved by the DEQ since the last revision to the Part A Summary (03/29/01). The revised information includes the following:</p> <ul style="list-style-type: none"> • INTEC – WCF Post-Closure Permit Application units [WCF Evaporator, WCF High Efficiency Particulate Air (HEPA) Filter Storage, WCF Storage Tanks] are now identified as a landfill (process code = D80). • RWMC – Transfer of operational control of RWMC interim status units [Transuranic Storage Area (TSA)-1/TSA-R, TSA-2, TSA-Retrieval Enclosure (RE) Retrieval Modification Facility (RMF)] from BBWI to BNFL Inc., with the effective date of 06/04/01.

REVISION DATE	SUMMARY OF CHANGES
02/27/02	<p>Document revised to incorporate editorial corrections and to incorporate changes that have been approved by the DEQ since the last revision to the Part A Summary (09/27/01). The revised information includes the following:</p> <ul style="list-style-type: none"> • RWMC – Closure of the Intermediate-Level Transuranic Storage Facility (ILTSF) Pad 2. Closure of this unit was approved by the DEQ on 11/12/01. Addition of EPA HWNs D027, D030, D037, D043 and addition of T04 “other treatment” process code for the Waste Storage Facility (WSF). • WERF/WROC – Administrative closure of the Macroencapsulation Unit approved by the DEQ on 01/03/02. • AMWTP (BNFL Inc.) – Change of EPA HWNs to reflect the approved Waste Isolation Pilot Plant EPA HWNs and a reduction in process design capacity for WMF-634.
08/20/02	<p>Document revised to incorporate editorial corrections and to incorporate changes that have been approved by the DEQ since the last revision to the Part A Summary (02/27/01). The revised information includes the following:</p> <ul style="list-style-type: none"> • INTEC – Information revised to reflect the HWMA/RCRA Storage and Treatment Permit for the INTEC - Debris Treatment Processes, Holdup and Collection Tanks, CPP-659/-1659 Storage, CPP-666 Fluorinel Dissolution Process Cell Container Storage. (Permit stay lifted by the DEQ on 05/15/02.) • RWMC – Revised the process codes and the process design capacity for the RWMC WSF. • TAN – Closure of the THWS Facility (TAN-628) – Closure of this unit was approved by the DEQ on 02/20/02 and the permit expired as of 06/01/02. • AMWTP (BNFL Inc.) – Revised the EPA HWN for the Transuranic Storage Area Pad 1/Pad R, and RMF. Revised EPA HWNs, process design capacities, process codes and estimated annual quantity of waste for the WMF-676 (AMWTF). • ANL-W – Closure of the SSPS – Closure of this unit was received from the DEQ on 02/14/02. Revised process codes and the process design capacity for the Hot Fuel Examination Facility/Transient Reactor Test Facility (HFEF/TREAT). Revised the process design capacity, the EPA HWNs, and the facility name for the Sodium Storage Building [(SSB) previously identified as Building 703]. Revised the process design capacity for the Sodium Process Facility (SPF).

REVISION DATE	SUMMARY OF CHANGES
02/27/03	<p>Document revised to incorporate editorial corrections and to incorporate changes that have been approved by the DEQ since the last revision to the Part A Summary (08/20/02). The revised information includes the following:</p> <ul style="list-style-type: none">• Transfer of operational control of the following RWMC HWMA/RCRA Permitted Units from BBWI to BNFL Inc.:<ul style="list-style-type: none">- Stored Waste Examination Pilot Plant [(SWEPP)(WMF-610)]- WSF (WMF-629, -630, -631, -632, -633)- Building WMF-635• Revision of EPA HWNs, process design capacities, and estimated quantities of waste for BNFL Inc. units to reflect the current permitted status of these units at the RWMC.• Revision of process design capacity, estimated annual quantity of waste and process codes for the RWMC WMF-628 facility.• WERF – Closure of the WERF Sizing Unit. Closure of this unit was approved by the DEQ on 09/23/02.• Revision of ANL-W unit information to reflect permitted status of all units at the ANL-W and the addition of tank treatment (T01) capability for 3 ANL-W units.
08/27/03	<ul style="list-style-type: none">• Revision of ANL-W unit information to reflect the latest approved PMR by the DEQ (effective date of 06/16/03). The revised information includes additional EPA HWNs for the SCMS (F001, F002, F005, and U134) and the addition of the Contaminated Equipment Storage Building (CESB) under the SPF/SCMS HWMA/RCRA Storage & Treatment Permit.

REVISION DATE	SUMMARY OF CHANGES
02/25/04	<ul style="list-style-type: none"> • Revision of the Volume 18 - INTEC Permitted Unit information which includes: <ul style="list-style-type: none"> - Addition of two newly permitted container storage (S01) units: the Radioactive Mixed Waste Staging Facility [(RMWSF) CPP-1617] and the Hazardous Chemical and Radioactive Waste Storage Facility [(HCRWSF) CPP-1619] - Addition of CPP-659 Decon Cell (Room 308) permitted as a new miscellaneous unit (X99) - Increase in the treatment capacity (X02) of the steam spray booth and glovebox (Room 418) - Reduction in the EPA HWNs for the New Waste Calcining Facility (NWCF) and Fluorinel Dissolution Process (FDP) units to coincide with the EPA HWNs identified in the Volume 14 INTEC Liquid Waste Management System Part B Permit Application - Addition of the EPA HWN U240 for the RMWSF (CPP-1617) and the HCRWSF (CPP-1619). • Closure of WROC Permitted Units (Volume 11) and WROC Interim Status Units: WERF Incinerator, WERF Drum/Feed Blending Unit, WERF Waste Stabilization Unit, WERF Repackaging Unit – DEQ concurred that closure was completed in accordance with the approved closure plans on 9-30-03. • Closure of TAN-647– DEQ concurred with the information presented in the clean closure certification of TAN-647 Container Storage Unit on 01-09-04. • Issuance of WCF Post-Closure Permit (effective date: October 16, 2003). • Revision of the BNFL Inc. – AMWTP Waste Storage Facility (WSF) Permit: <ul style="list-style-type: none"> - Increase in the process design capacity for container storage (S01) through the addition of container storage at SWEPP (28,380 gallons) - Change/addition in the treatment (T04) processes – three T04 processes (in-container absorption of liquid, decanting, and neutralization) each with the capacity of 7,040 gallons/day.

REVISION DATE	SUMMARY OF CHANGES
08/19/04	<ul style="list-style-type: none"> • Revision of the Volume 18 - INTEC Permitted Unit information: <ul style="list-style-type: none"> - Waste Pile Storage (S03) locations in CPP-659 were changed – Rooms 218 and 306 are no longer approved waste pile storage areas and Room 418 (Steam Spray Booth) is now an approved waste pile storage area. • Closure of the WERF/WROC Permitted and Interim Status Units <ul style="list-style-type: none"> - DEQ acknowledgement of completion of closure activities specified in the approved closure plan for the MWSF Repackaging Unit on May 10, 2004. • ANL-W Facility changes: <ul style="list-style-type: none"> - Closure of the Radioactive Sodium Storage Facility (RSSF) - CESB – new container storage (S01) and container treatment (T04) unit - Revision to the process design capacities and estimated quantities of waste for the Radioactive Scrap and Waste Facility (RSWF), HFEF, SCMS, SPF, and TREAT units - Revision of the estimated quantity of waste for the SSB unit - Revision to the EPA HWNs for the SCMS and SPF units.
02/15/05	<ul style="list-style-type: none"> • INEEL name changed to the INL – effective February 1, 2005. • ANL-W facility name changed to the Materials and Fuel Complex (MFC) – effective February 1, 2005. • INTEC CPP-601 Container Storage (D-Cell) Closure – DEQ approval letter dated January 5, 2005. • INTEC CPP-659 NWCF Calciner Closure – DEQ approval letter dated December 14, 2004. • Volume 14 Permit – HWMA/RCRA Storage and Treatment Units at the INTEC (Effective Date: October 18, 2004). • Volume 18 Permit – Additional Waste Pile Storage Locations (for NWCF Calciner equipment) – DEQ approved Class 3 PMR on December 14, 2004. • Volume 5 Permit – RWMC transfer of WMF-610 (SWEPP) from BNFL to BBWI – DEQ approval letter dated November 12, 2004. • Materials and Fuel Complex (MFC) – Revision of HWMA/RCRA Storage and Treatment Permit (Effective Date: August 16, 2004) for the CESB, HFEF, SCMS, SPF, SSB, and the TREAT. • AMWTP HWMA/RCRA Treatment Permit (WMF-676) – Incorporation of revised treatment information through DEQ approval letter dated September 22, 2004.

CONTENTS

BBWI Interim Status Units

INTEC

Calcined Solids Storage Facility (CSSF)	1
CPP-640 Headend Holdup Storage Tanks	2
CPP-659 New Waste Calcining Facility (NWCF) Evaporator Tank System (ETS)	3
CPP-659 NWCF Storage and Treatment Tanks	4
INTEC New Tank Farm (proposed)	5
INTEC Tank Farm	6
CPP-603 Storage Tank	7

BBWI Post-Closure Permitted Units

INTEC

CPP-633 Waste Calcining Facility (WCF) Evaporator, WCF HEPA Filter Storage, WCF Storage Tanks	8
--	---

BBWI Permitted Units

INTEC

CPP-601 Deep Tanks	9
CPP-604 Process Condensate Collection Tanks	10
CPP-604 Process Equipment Waste (PEW) Evaporator Units	11
CPP-604 Bottoms Collections Tanks	12
CPP-604 Surge Tank for VES-WL-133	13
CPP-604 Evaporator Feed Sediment Tank	14
CPP-604 Evaporator Feed Collection Tank	15
CPP-641 Westside Waste Storage Tanks	16
CPP-1618 Liquid Effluent Treatment and Disposal (LET&D) Acid Fractionators	17
CPP-1618 LET&D Nitric Acid Recycle Tank System	18
CPP-604 Tank Farm Tanks	19
CPP-604 Evaporator Head Tank	20
CPP-604 Process Condensate Surge Tanks	21
CPP-604 Process Off-gas Condensate Knock Out Tank	22
CPP-604 Process Waste Liquid System Tanks	23
CPP-1618 Acid Fractionator Waste Head Feed Tank	24
CPP-1618 Acid Fractionator Bottoms Tank	25
CPP-659 NWCF Debris Treatment Processes	26
CPP-659 NWCF High Efficiency Particulate Air (HEPA) Filter Leaching System	27
CPP-659 NWCF Storage	28
CPP-659 NWCF Storage and Treatment Tanks	29
CPP-666 Fluorinel Dissolution Process (FDP) Cell Container Storage	30
CPP-1617 Radioactive Mixed Waste Staging Facility (RMWSF)	31
CPP-1619 Hazardous Chemical and Radioactive Waste Storage Facility (HCRWSF)	32

BBWI Permitted Units (continued)**RWMC**

RWMC Waste Storage Facility – WMF-628.....	33
SWEPP Storage Area (WMF-610)	34

MFC Permitted Units

Experimental Breeder Reactor (EBR)-II Secondary Sodium Drain Tank System (SSDTS)	35
EBR-II Primary Sodium System (PSS)	36
Intermediate Heat Exchanger (IHX)	37
Contaminated Equipment Storage Building (CESB).....	38
Hot Fuel Examination Facility (HFEF)	39
Radioactive Scrap and Waste Facility (RSWF).....	40
Sodium Components Maintenance Shop (SCMS)	41
Sodium Process Facility (SPF)	42
Sodium Storage Building (SSB).....	43
Transient Reactor Test Facility (TREAT)	44

BNFL Inc. Interim Status Units**RWMC**

Transuranic Storage Area (TSA) – Pad 1/TSA – Pad R.....	45
TSA-2 (earthen covered).....	46
TSA-Retrieval Enclosure (RE) Retrieval Modification Facility (RMF).....	47

BNFL Inc. Permitted Units

Advanced Mixed Waste Treatment Project (AMWTP) – Waste Storage Facility (WSF).....	48
AMWTP – Building WMF-676	49

UNIT: Calcined Solids Storage Facility (CSSF)
(Binsets #1 – 7)

WASTE TYPE: Hazardous and Radioactive Mixed Waste

LOCATION: INTEC

CURRENT STATUS: Interim Status

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: S02 - 7,114 cubic meters or 1,879,518.8 gallons total

Binset # 1 = 221 cubic meters or 58,388.2 gallons
Binset # 2 = 918 cubic meters or 232,535.6 gallons
Binset # 3 = 1,132 cubic meters or 299,074.4 gallons
Binset # 4 = 501 cubic meters or 132,364.2 gallons
Binset # 5 = 1,000 cubic meters or 264,200 gallons
Binset # 6 = 1,558 cubic meters or 411,623.6 gallons
Binset # 7 = 1,784 cubic meters or 471,332.8 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: 1,200 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131 U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: CPP-640 Headend Holdup Storage Tanks
(VES-HW-100, VES-HW-101, VES-HW-102)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: S02 – 1,500 gallons total
VES-HW-100 = 500 gallons
VES-HW-101 = 500 gallons
VES-HW-102 = 500 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: 0.25 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: CPP-659 New Waste Calcining Facility (NWCF) Evaporator Tank System (ETS)
(EVAP-NCC-150)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: T04 – Evaporation

PROCESS DESIGN CAPACITY: T04 – 10,000 gallons/day
EVAP-NCC-150 = 10,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 8,081 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: CPP-659 NWCF Storage and Treatment Tanks

(VES-NCC-101, VES-NCC-102, VES-NCC-103, VES-NCC-108, VES-NCC-119, VES-NCC-122)

LOCATION: INTEC**WASTE TYPE:** Hazardous and Radioactive Mixed Waste**CURRENT STATUS:** Interim Status**PROCESS CODES:** S02 – Tank Storage
T01 – Tank Treatment**PROCESS DESIGN CAPACITY:** S02 – 26,675 gallons total

VES-NCC-101 = 5,870 gallons

VES-NCC-102 = 4,000 gallons

VES-NCC-103 = 4,000 gallons

VES-NCC-108 = 2,000 gallons

VES-NCC-119 = 6,525 gallons

VES-NCC-122 = 4,280 gallons

T01 – 53,350 gallons/day total

VES-NCC-101 = 11,740 gallons/day

VES-NCC-102 = 8,000 gallons/day

VES-NCC-103 = 8,000 gallons/day

VES-NCC-108 = 4,000 gallons/day

VES-NCC-119 = 13,050 gallons/day

VES-NCC-122 = 8,560 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 9,800 tons**ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):**

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: INTEC New Tank Farm (proposed)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: S02 – 3,500,000 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 4,200 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: INTEC Tank Farm

(VES-WM-103, VES-WM-104, VES-WM-105, VES-WM-106, VES-WM-180, VES-WM-181,
VES-WM-182, VES-WM-183, VES-WM-184, VES-WM-185, VES-WM-186, VES-WM-187,
VES-WM-188, VES-WM-189, VES-WM-190)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status (operates under Consent Order)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: S02 – 3,456,000 gallons total

VES-WM-180 and VES-WM-181 = 318,000 gallons each

VES-WM-182 through VES-WM-190 = 300,000 gallons each

VES-WM-103 through VES-WM-106 = 30,000 gallons each

ESTIMATED ANNUAL QUANTITY OF WASTE: 4,116 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007-U009 U012 U014 U019-U020 U031-U032 U037 U044 U048 U052 U055-U057 U069-U072 U079-U081 U083-U084 U102-U103 U108 U112-U113 U116 U118 U120 U122-U123 U125 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U154 U159 U161-U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: CPP-603 Storage Tank
(VES-SFE-106)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: S02 – 25,000 gallons total
VES-SFE-106 = 25,000 gallons
T01 – 25,000 gallons/day total
VES-SFE-106 = 25,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 350 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D006	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: CPP-633 Waste Calcining Facility (WCF) Evaporator, WCF HEPA Filter Storage, WCF Storage Tanks

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: Post-Closure Permit (Effective Date: October 16, 2003)

PROCESS CODES: D080 – Landfill

PROCESS DESIGN CAPACITY: D080 – 59 cubic yards total

ESTIMATED ANNUAL QUANTITY OF WASTE: 59 cubic yards total

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D004-D005 D007-D011	F001-F002 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-601 Deep Tanks
(VES-WG-100, VES-WG-101, VES-WH-100, VES-WH-101)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: S02 – 18,000 gallons total
VES-WG-100 = 4,500 gallons
VES-WG-101 = 4,500 gallons
VES-WH-100 = 4,500 gallons
VES-WH-101 = 4,500 gallons
T01 – 18,000 gallons/day total
VES-WG-100 = 4,500 gallons/day
VES-WG-101 = 4,500 gallons/day
VES-WH-100 = 4,500 gallons/day
VES-WH-101 = 4,500 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 5,000 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Process Condensate Collection Tanks
(VES-WL-106, VES-WL-107, VES-WL-163)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: S02 – 15,000 gallons total
VES-WL-106 = 5,000 gallons
VES-WL-107 = 5,000 gallons
VES-WL-163 = 5,000 gallons
T01 – 15,000 gallons/day total
VES-WL-106 = 5,000 gallons/day
VES-WL-107 = 5,000 gallons/day
VES-WL-163 = 5,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 13,500 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Process Equipment Waste (PEW) Evaporator Units
(EVAP-WL-129, EVAP-WL-161)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage
X99 – Other Subpart X Treatment (Evaporation)

PROCESS DESIGN CAPACITY: S02 – 2,000 gallons
EVAP-WL-129 = 1,000 gallons
EVAP-WL-161 = 1,000 gallons
X99 – 1,000 gallons/hour total
EVAP-WL-129 = 500 gallons/hour
EVAP-WL-161 = 500 gallons/hour

ESTIMATED ANNUAL QUANTITY OF WASTE: 13,600 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Bottoms Collections Tanks
(VES-WL-101, VES-WL-111)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: S02 – 19,900 gallons total
VES-WL-101 = 18,400 gallons
VES-WL-111 = 1,500 gallons
T01 – 19,000 gallons/day total
VES-WL-101 = 16,000 gallons/day
VES-WL-111 = 3,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 270 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Surge Tank for VES-WL-133
(VES-WL-102)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: S02 – 18,400 gallons total
VES-WL-102 = 18,400 gallons
T01 – 18,400 gallons/day total
VES-WL-102 = 18,400 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 16,600 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Evaporator Feed Sediment Tank
(VES-WL-132)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: S02 – 4,700 gallons total
VES-WL-132 = 4,700 gallons
T01 – 28,000 gallons/day total
VES-WL-132 = 28,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 13,600 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Evaporator Feed Collection Tank
(VES-WL-133)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: S02 – 19,000 gallons total
VES-WL-133 = 19,000 gallons
T01 – 28,000 gallons/day total
VES-WL-133 = 28,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 13,600 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-641 Westside Waste Storage Tanks
(VES-WL-103, VES-WL-104, VES-WL-105)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: S02 – 15,000 gallons total
VES-WL-103 = 5,000 gallons
VES-WL-104 = 5,000 gallons
VES-WL-105 = 5,000 gallons
T01 – 15,000 gallons/day
VES-WL-103 = 5,000 gallons/day
VES-WL-104 = 5,000 gallons/day
VES-WL-105 = 5,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 120 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-1618 Liquid Effluent Treatment and Disposal (LET&D) Acid Fractionators
(VES-WLL-170, VES-WLK-171, FRAC-WLL-170, FRAC-WLK-171)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage
X99 – Other Subpart X Treatment (Fractionation)

PROCESS DESIGN CAPACITY: S02 – 920 gallons
VES-WLL-170 = 460 gallons
VES-WLK-171 = 460 gallons
X99 – 1,100 gallons/hour total
FRAC-WLL-170 = 550 gallons/hour
FRAC-WLK-171 = 550 gallons/hour

ESTIMATED ANNUAL QUANTITY OF WASTE: 13,500 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-1618 LET&D Nitric Acid Recycle Tank System
(VES-NCR-171, VES-NCR-173)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: S02 – 22,590 gallons total
VES-NCR-171 = 22,500 gallons
VES-NCR-173 = 90 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: 270 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Tank Farm Tanks
(VES-WM-100, VES-WM-101, VES-WM-102)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: S02 – 55,200 gallons total
VES-WM-100 = 18,400 gallons
VES-WM-101 = 18,400 gallons
VES-WM-102 = 18,400 gallons
T01 – 55,200 gallons/day total
VES-WM-100 = 18,400 gallons/day
VES-WM-101 = 18,400 gallons/day
VES-WM-102 = 18,400 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 13,600 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Evaporator Head Tank
(VES-WL-109)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: S02 – 270 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 13,600 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Process Condensate Surge Tanks
(VES-WL-134, VES-WL-131)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: S02 – 566 gallons total
VES-WL-134 = 500 gallons
VES-WL-131 = 66 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: 13,600 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Process Off-gas Condensate Knock Out Tank
(VES-WL-108)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: S02 – 98 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 13,500 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Process Waste Liquid System Tanks
(VES-WL-135, VES-WL-136, VES-WL-137, VES-WL-138, VES-WL-139,
VES-WL-142, VES-WL-144, VES-WL-150)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: S02 – 165 gallons total
VES-WL-135 = 10 gallons
VES-WL-136 = 10 gallons
VES-WL-137 = 25 gallons
VES-WL-138 = 25 gallons
VES-WL-139 = 10 gallons
VES-WL-142 = 10 gallons
VES-WL-144 = 25 gallons
VES-WL-150 = 50 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: 8.3 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-1618 Acid Fractionator Waste Feed Head Tank
(VES-WLK-197)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: S02 – 270 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 13,500 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-1618 Acid Fractionator Bottoms Tank
(VES-WLL-195)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: October 18, 2004)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: S02 – 270 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 270 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: NWCF Debris Treatment Processes

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: November 5, 2001)

PROCESS CODES: T01 – Tank Treatment in CPP-659
 T04 – Container Treatment in CPP-659
 X02 – Subpart X Treatment (Scarification/Spalling) in CPP-659
 X99 – Other Subpart X Treatment (Chemical/Physical Extraction)

PROCESS DESIGN CAPACITY: **T01 – 8,256 gallons/day**
 SH-NCD-933 = 5,688 gallons
 SH-NCD-934 = 672 gallons
 SH-NCD-921 = 1,896 gallons
T04 – 7,600 gallons/day
 VES-NCD-138 = 4,300 gallons/day
 TK-NC-136 = 1,100 gallons/day
 TK-NC-137 = 2,200 gallons/day
X02 – 30 short tons/day
 Steam Spray Booth (Room 418) = 30 short tons/day
X99 – 34,640 gallons/day
 Steam Spray Booth (Room 418) = 8,660 gallons/day
 Decon Cubicle (Room 421) = 8,660 gallons/day
 Decon Cubicle (Room 422) = 8,660 gallons/day
 Decon Cell (Room 308) = 8,660 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: T01 – 21,900 tons
 T04 – 11,680 tons
 X02 – 5,400 tons
 X99 – 13,200 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF High Efficiency Particulate Air (HEPA) Filter Leaching System
(VES-NCD-141, VES-NCD-142)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: November 5, 2001)

PROCESS CODES: T01 – Tank Treatment
S02 – Tank Storage

PROCESS DESIGN CAPACITY: T01 – 90 gallons/day total
VES-NCD-141 + VES-NCD-142 = 90 gallons/day total of HEPA Filter media that may be treated.
S02 – 190 gallons
VES-NCD-141 = 120 gallons
VES-NCD-142 = 70 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: T01 and S02 = 22 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Storage**LOCATION:** INTEC**WASTE TYPE:** Hazardous and Radioactive Mixed Waste**CURRENT STATUS:** RCRA Part B Permitted Unit (Effective Date: November 5, 2001)**PROCESS CODES:** S01 – Container Storage
S03 – Waste Pile**PROCESS DESIGN CAPACITY:** S01 – 537,178 gallons total

Room 205 = 54,200 gallons	Room 323 = 3,400 gallons
Room 206 = 12,400 gallons	Room 326 = 1,300 gallons
Room 207 = 11,600 gallons	Room 415 = 23,500 gallons
Room 214 = 9,800 gallons	Room 416 = 5,300 gallons
Room 215 = 8,200 gallons	Room 417 = 78,200 gallons
Room 216 = 10,300 gallons	Room 418 = 166,700 gallons
Room 218 = 3,200 gallons	Room 419 = 26,400 gallons
Room 306 = 4,800 gallons	Room 421 = 10,039 gallons
Room 308 = 5,800 gallons	Room 422 = 10,039 gallons
Room 309 = 4,800 gallons	CPP-1659* = 87,200 gallons

*CPP-1659 = Contaminated Equipment Maintenance Area

S03 – 209 cubic meters total

Room 216 = 39 cubic meters
 Room 308 = 22 cubic meters
 Room 309 = 18 cubic meters
 Room 323 = 13 cubic meters
 Room 326 = 5 cubic meters
 Room 416 = 20 cubic meters
 Room 418 = 30 cubic meters
 Room 206 = 43 cubic meters
 Room 207 = 3 cubic meters
 Room 214 = 8 cubic meters
 Room 215 = 3 cubic meters
 Room 322 = 5 cubic meters

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 and S03 = 542 tons**ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):**

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Storage and Treatment Tanks
(VES-NCD-123, VES-NCD-129)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: November 5, 2001)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: S02 – 4,330 gallons total
VES-NCD-123 = 3,800 gallons
VES-NCD-129 = 530 gallons
T01 – 8,660 gallons/day total
VES-NCD-123 = 7,600 gallons/day
VES-NCD-129 = 1,060 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 & T01 = 4,000 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-666 Fluorinel Dissolution Process (FDP) Cell Container Storage (FAST Debris Storage)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: November 5, 2001)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 37,300 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 38 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-1617 Radioactive Mixed Waste Staging Facility (RMWSF)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: November 5, 2001)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 2,244,156 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 12,000 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D043	F001-F012 F019-F024 F026-F028 F039	K001 K015 K069 K100	P001-P018 P020-P024 P026-P031 P033-P034 P036-P051 P054 P056-P060 P062-P078 P081-P082 P084-P085 P087-P089 P092-P099 P101-P106 P108-P116 P118-P123	U001-U012 U014-U039 U041-U053 U055-U064 U066-U099 U101-U103 U105-U138 U140-U174 U176-U194 U196-U197 U200-U211 U213-U223 U225-U228 U234-U240 U243-U244 U246-U249 U328 U353 U359

UNIT: CPP-1619 Hazardous Chemical and Radioactive Waste Storage Facility (HCRWSF)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: November 5, 2001)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 13,860 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 355 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D043	F001-F012 F019-F024 F026-F028 F039	K001 K015 K069 K100	P001-P018 P020-P024 P026-P031 P033-P034 P036-P051 P054 P056-P060 P062-P078 P081-P082 P084-P085 P087-P089 P092-P099 P101-P106 P108-P116 P118-P123	U001-U012 U014-U039 U041-U053 U055-U064 U066-U099 U101-U103 U105-U138 U140-U174 U176-U194 U196-U197 U200-U211 U213-U223 U225-U228 U234-U240 U243-U244 U246-U249 U328 U353 U359

UNIT: RWMC Waste Storage Facility – WMF-628**LOCATION:** RWMC**WASTE TYPE:** Radioactive Mixed Waste**CURRENT STATUS:** RCRA Part B Permitted Unit (Effective Date: November 12, 1995)**PROCESS CODES:** S01 – Container Storage**PROCESS DESIGN CAPACITY:** S01 – 2,159,985 gallons**ESTIMATED ANNUAL QUANTITY OF WASTE:** 23,563 tons**ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):**

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D30 D032 D034-D040 D043	F001-F007 F009 F039	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U003-U004 U138 U007 U140 U009 U144-U145 U012 U147 U014 U151 U019-U020 U159 U032 U162 U037 U165 U044 U169-U171 U048 U182 U052 U188 U069 U190-U191 U079-U081 U196 U083-U084 U201 U102-U103 U204 U108 U207-U208 U116 U210-U211 U118 U215 U120 U217-U220 U122-U123 U225-U228 U127-U128 U239 U131 U328 U133-U135

UNIT: SWEPP Storage Area (WMF-610)**LOCATION:** RWMC**WASTE TYPE:** Radioactive Mixed Waste**CURRENT STATUS:** RCRA Part B Permitted Unit (Effective Date: November 12, 1995)**PROCESS CODES:** S01 – Container Storage**PROCESS DESIGN CAPACITY:** S01 – 28,380 gallons**ESTIMATED ANNUAL QUANTITY OF WASTE:** S01 – 880,040 tons**ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):**

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D011 D018-D0043	F001-F007 F009	Not Applicable	P015 P120	U002 U019 U037 U043-U044 U052 U070 U072 U078-U079 U105 U122 U133-U134	U151 U154 U159 U196 U209-U210 U220 U226 U228 U239

UNIT: EBR-II Secondary Sodium Drain Tank System (EBR-II SSDTS)

LOCATION: MFC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: December 10, 2002)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: S02 – 16,000 gallons total
T01 – 1.5 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 – 105,300 pounds Na Waste
T01 – 810 pounds Na Waste

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D003	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: EBR-II Primary Sodium System (EBR-II PSS)

LOCATION: MFC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: December 10, 2002)

PROCESS CODES: S01 – Container Storage
S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: S01 – 550 gallons total
S02 – 90,000 gallons total
T01 – 1.5 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 – 4,455 pounds Na Waste
S02 – 3,240 pounds Na Waste
S02 – 360 pounds NaK Waste
T01 – 3,240 pounds Na Waste

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D003	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: EBR-II Intermediate Heat Exchanger (IHX)

LOCATION: MFC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: December 10, 2002)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: S02 – 730 gallons total
T01 – 1.5 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 – 324 pounds Na Waste
T01 – 324 pounds Na Waste

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D003	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: Contaminated Equipment Storage Building (CESB) – Building 794

LOCATION: MFC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: August 16, 2004)

PROCESS CODES: S01 – Container Storage
T04 – Other Treatment (Container Treatment)

PROCESS DESIGN CAPACITY: S01 – 15,000 gallons total
T04 – 440 gallons/day total

ESTIMATED ANNUAL QUANTITY OF WASTE: 2,096,424 pounds

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011	F001 F002 F005	Not Applicable	Not Applicable	U134

UNIT: Hot Fuel Examination Facility(HFEF) – Building 785

LOCATION: MFC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: August 16, 2004)

PROCESS CODES: S01 – Container Storage
T04 – Container Treatment

PROCESS DESIGN CAPACITY: S01 – 10,725 gallons total
T04 – 440 gallons/day total

ESTIMATED ANNUAL QUANTITY OF WASTE: 1,430,000 pounds

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D043	F001-F009 F039	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P077 P098 P104-P106 P113 P116 P119-P120	U003-U004 U007 U009 U012 U014 U019-U020 U032 U037 U044 U048 U052 U069 U079-U081 U083-U084 U102-U103 U108 U116 U118 U120 U122-U123 U127-U128 U131	U133-U135 U138 U140 U144-U145 U147 U151 U159 U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: Radioactive Scrap and Waste Facility (RSWF) – Building 771

LOCATION: MFC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: August 16, 2004)

PROCESS CODES: S99 – Miscellaneous Unit Storage

PROCESS DESIGN CAPACITY: S99 – 53,000 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 477,000 pounds

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D003-D011	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: Sodium Components Maintenance Shop (SCMS)

LOCATION: MFC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: August 16, 2004)

PROCESS CODES: S01 – Container Storage
S02 – Tank Storage
T01 – Tank Treatment
T04 – Other Treatment

PROCESS DESIGN CAPACITY: S01 – 31,680 gallons total
S02 – 390 gallons total
T01 – 1,188 gallons/day total
T04 – 440 gallons/day total

ESTIMATED ANNUAL QUANTITY OF WASTE: 1,288,375 pounds

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011	Not Applicable	Not Applicable	Not Applicable	Not applicable

UNIT: Sodium Process Facility (SPF) – Building 799

LOCATION: MFC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: August 16, 2004)

PROCESS CODES: S01 – Container Storage
S02 – Tank Storage
T01 – Tank Treatment
T04 – Container Treatment

PROCESS DESIGN CAPACITY: S01 – 10,560 gallons total
S02 – 11,960 gallons total
T01 – 1,080 gallons/day
T04 – 440 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: 2,859,000 pounds

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: Sodium Storage Building (SSB) – Building 703

LOCATION: MFC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: August 16, 2004)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 48,000 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: 432,000 pounds

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D003-D011	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: Transient Reactor Test Facility (TREAT) – Building 720

LOCATION: MFC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: August 16, 2004)

PROCESS CODES: S01 – Container Storage
T04 – Other Treatment

PROCESS DESIGN CAPACITY: S01 – 7,040 gallons total
T04 – 440 gallons/day total

ESTIMATED ANNUAL QUANTITY OF WASTE: 1,430,000 pounds

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D043	F001-F009 F039	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P077 P098 P104-P106 P113 P116 P119-P120	U003-U004 U007 U009 U012 U014 U019-U020 U032 U037 U044 U048 U052 U069 U079-U081 U083-U084 U102-U103 U108 U116 U118 U120 U122-U123 U127-U128 U131 U133-U135 U138 U140 U144-U145 U147 U151 U159 U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: Transuranic Storage Area (TSA) - Pad 1/Pad R (TSA-1/TSA-R)

LOCATION: RWMC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: Interim Status (Transfer effective date: June 4, 2001)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 20,237,720 gallons total

TSA-1/TSA-R = 76,600 cubic meters or 20,237,720 gallons

NOTE: The capacity for the TSA-1/TSA-R is incorporated in the capacity of TSA-RE RMF.

ESTIMATED ANNUAL QUANTITY OF WASTE: 83,978 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D011 D018-D043	F001-F007 F009 F039	Not Applicable	P005 P012 P015 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007 U009 U012 U014 U019-U020 U032 U037 U043-U044 U048 U052 U069-U070 U072 U078-U081 U083-U084 U102-U103 U105 U108 U116 U118 U120 U122-U123 U127-U128 U131 U133-U135	U138 U140 U144-U145 U147 U151 U154 U159 U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: TSA-2 (earthen covered)**LOCATION:** RWMC**WASTE TYPE:** Radioactive Mixed Waste**CURRENT STATUS:** Interim Status (Transfer effective date: June 4, 2001)**PROCESS CODES:** S01 – Container Storage**PROCESS DESIGN CAPACITY:** S01 – 4,440,938 gallons total

TSA-2 = 16,809 cubic meters or 4,440,938 gallons

NOTE: The capacity for TSA-2 is incorporated within the capacity of TSA-RE RMF**ESTIMATED ANNUAL QUANTITY OF WASTE:** 15,955 tons**ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):**

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D011 D018-D043	F001-F007 F009 F039	Not Applicable	P005 P012 P015 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007 U009 U012 U014 U019-U020 U032 U037 U043-U044 U048 U052 U069-U070 U072 U078-U081 U083-U084 U102-U103 U105 U108 U116 U118 U120 U122-U123 U127-U128 U131 U133-U135	U138 U140 U144-U145 U147 U151 U154 U159 U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: TSA-Retrieval Enclosure (RE) Retrieval Modification Facility (RMF)

LOCATION: RWMC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: Interim Status (Transfer effective date: June 4, 2001)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 24,678,658 gallons total

TSA-RE RMF = 93,409 cubic meters or 24,678,658 gallons

NOTE: This unit includes the capacities for the TSA-1/TSA-R and TSA-2 storage units.

ESTIMATED ANNUAL QUANTITY OF WASTE: 6,006 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D011 D018-D043	F001-F007 F009 F039	Not Applicable	P005 P012 P015 P022 P024 P027-P028 P030-P031 P056 P073 P075 P077 P098 P104-P106 P113 P116 P119-P120	U002-U004 U007 U009 U012 U014 U019-U020 U032 U037 U043-U044 U048 U052 U069-U070 U072 U078-U081 U083-U084 U102-U103 U105 U108 U116 U118 U120 U122-U123 U127-U128 U131 U133-U135	U138 U140 U144-U145 U147 U151 U154 U159 U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: Advanced Mixed Waste Treatment Project (AMWTP) Waste Storage Facility (WSF)

LOCATION: RWMC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (November 12, 1995)

PROCESS CODES: S01 – Container Storage
T04 – Other Treatment

PROCESS DESIGN CAPACITY:

S01 Container Storage = 19,179,289 gallons (72,598 cubic meters) as follows:

- WMF-634 = 1,231,430 gallons (4,661 cubic meters)
- Each Type II Modules (eight total) = 2,159,985 gallons (8,176 cubic meters)
- One Type I Module) = 667,979 gallons (2,529 cubic meters)

T04 In-Container Absorption of Liquid = 7,040 gallons/day (26.8 cubic meters/day) as follows:

- WMF-634 = 3,520 gallons/day (13.4 cubic meters/day)
- WMF-615 (DVF) = 1,760 gallons/day (6.7 cubic meters/day)
- WMF-635 (WCRA, PAAA, or MSA) = 1,760 gallons/day (6.7 cubic meters/day)

T04 Decanting of Liquid = 7,040 gallons/day (26.8 cubic meters/day) as follows:

- WMF-634 = 3,520 gallons/day (13.4 cubic meters/day)
- WMF-615 (DVF) = 1,760 gallons/day (6.7 cubic meters/day)
- WMF-635 (WCRA, PAAA, or MSA) = 1,760 gallons/day (6.7 cubic meters/day)

T04 Neutralization of Liquid = 7,040 gallons/day (26.8 cubic meters/day) as follows:

- WMF-634 = 3,520 gallons/day (13.4 cubic meters/day)
- WMF-615 (DVF) = 1,760 gallons/day (6.7 cubic meters/day)
- WMF-635 (WCRA, PAAA, or MSA) = 1,760 gallons/day (6.7 cubic meters/day)

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 – 11,708,323 tons (WSF)
T04 – 10,722 tons (In-container absorption)
T04 – 10,722 tons (Decanting)
T04 – 10,722 tons (Neutralization)

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED	
D001-D002 D004-D011 D018-D0043	F001-F007 F009	Not Applicable	P015 P120	U002 U019 U037 U043-U044 U052 U070 U072 U078-U079 U105 U122 U133-U134	U151 U154 U159 U196 U209-U210 U220 U226 U228 U239

UNIT: Advanced Mixed Waste Treatment Project (AMWTP) - Building WMF-676

LOCATION: RWMC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective date: August 18, 2000)

PROCESS CODES:

- X02 – Mechanical Processing (Pretreatment - PT)
- X99 - Supercompaction (SC)
- X99 – Special Case Waste (SCW) Treatment
- S01 – Container Storage
- T04 – Absorbtion
- T04 – Decanting
- T04 – Neutralization

PROCESS DESIGN CAPACITY:

- X02 = 12,545 gallons/day (PT)
- X99 = 8,300 gallons/day (SC)
- X99 = 200 gallons/day (SCW Treatment)
- S01 = 75,163 gallons
- T04 = 4,400 gallons/day Absorbtion
- T04 = 4,400 gallons/day Decanting
- T04 = 4,400 gallons/day Neutralization

ESTIMATED ANNUAL QUANTITY OF WASTE:

- X02 – 7,021 tons (PT)/(SC)
- X99 – 6,096 tons (SC)
- X99 – 305 tons (SCW)
- S01 – 7,772 tons
- T04 – 4,600 tons Absorbtion
- T04 – 4,600 tons Decanting
- T04 – 4,600 tons Neutralization

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D043	F001-F007 F009	Not Applicable	P015 P120	U002 U019 U037 U043-U044 U052 U070 U072 U078-U079 U105 U122 U133-U134 U151 U154 U159 U196 U209-U210 U220 U226 U228 U239